

# DHI-ARD323-W2(868)

Wireless door detector



- · Signal strength detection.
- · Low battery alarm.
- Temperature measurement.
- Frequency hopping function and two-way communication technology ensure communication stability.
- Cloud update and automatic recovery from update failure.

## **System Overview**

Wireless door detector is a detector consisting of a sensor and a magnet that can trigger an alarm when an armed door is opened. It can display the open and close state of doors and windows on the DMSS App in real time, and provides timely notifications of alarm events when armed, acting as a monitoring mechanism

## Scene

Mainly applied for villas, shops, apartments, etc.

## **Technical Specification**

# Port

Indicator Light	1 × green alarm indicator
Button	1 × power button
Function	

#### Function

Tamper Alarm	Yes	
Remote Upgrade	Cloud update	
Low Battery Alarm	Yes	
Test Mode	Yes	
Search	Signal strength detection	

## Wireless

Carrier Frequency	868.0 MHz-868.6 MHz
Communication Distance	Up to 1,200 m (3,937.01 ft) in an open space
Communication Mechanism	Two-way
Frequency Hopping	Yes
Encryption Mode	AES128

#### General

Power Supply	CR123A battery	
Power Consumption	Max. 125 mW	
Operating Temperature	-10 °C to +55 °C (+14 °F to +131 °F) (indoor)	
Operating Humidity	10%-90% (RH)	
Product Dimensions	100.2mm × 20.8mm × 20.3mm (3.94"× 0.82" × 0.80") (L × W × H)	
Packaging Dimensions	135.0 mm $\times$ 98.5 mm $\times$ 27.8mm (5.31" $\times$ 3.88" $\times$ 1.09") (L $\times$ W $\times$ H)	
Installation	Bracket mount	
Net Weight	70 g (0.15 lb)	
Gross Weight	115 g (0.25 lb)	
Certifications	CE	
Battery Life	5 years	
Casing Material	PC + ABS	

## Temperature

Measuring Range	-15 °C to +65 °C (+18.8 °F to +149 °F) (indoor)
Measuring Precision	± 1 °C (± 33.8 °F)
Resolution	1 °C (33.8 °F)

#### Specification

Sensor	Reed Switch
Scenario	Non-metal doors
Movement Distance	< 40 mm (1.57")

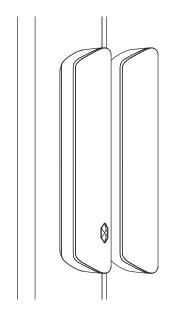


## Peripherals

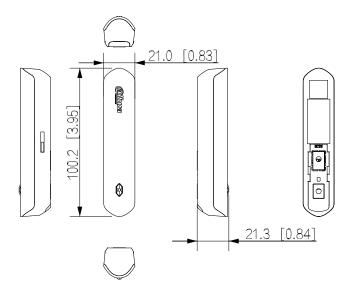
External Zone 1-channel dry contact input

Ordering Information				
Туре	Part Number	Description		
Wireless door detector	DHI-ARD323-W2(868)	Wireless door contact		

## Installation



## Dimensions (mm[inch])



## Application

